

## PATENT ABSTRACTS OF JAPAN

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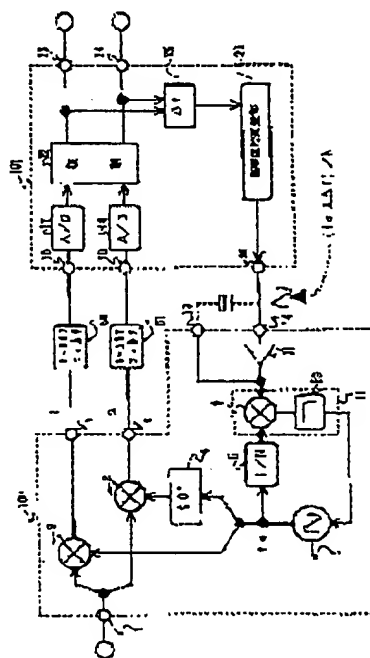
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## (54) AFC CIRCUIT

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide an AFC circuit correcting the detuned frequency for a reception signal in a receiver receiving a digital broadcast program.

SOLUTION: Frequency detuning data  $\Delta f$  being an output of an analog detection section 101 are obtained from an output of a digital demodulation section 100. A reference signal generating section 29 generates a reference frequency signal with a frequency (f) based on the frequency detuning data  $\Delta f$ . Since a feedback to satisfy a relation of the reference frequency signal  $f=(f_0+\Delta f)/N$  is applied to the entire system by applying the reference frequency signal whose frequency is (f) to a PLL circuit 11 as a reference phase comparison signal, the detuned frequency is eliminated.



## LEGAL STATUS

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